

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.21**WELDING WITNESS REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WWR-000316**Date Inspected:** 09-Jul-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

Witness: **Procedure Qualification Record**
Welding **NDT**

Welder Qualification **Fracture Critical**
Mechanical Testing, describe:

Index Lot #: B71-029-07a**Witness Lot #:** B72-058-07**Bridge No:** 34-0006**Component:** Bid: 52,55 Tower & Girder**Welder:** Xiang Jie**ID #:** N/A**Joint Description:** B-U2a-GF

N/A

WPS ID #: PWPS-B-T-2241-U-3

N/A

Base Metal: A709M Gr.50T2

N/A

PQR ID #: HP2007370

N/A

Thickness: 26 mm

N/A

Process: GMAW-Transfer mode

N/A

Electrode Spec/Class: AWS 5.18/ER70S-6

N/A

Positions: 1-G

N/A

Backing Material: A709M Gr.50T2

N/A

CWI: Xiang Wen Hui/ Xu Bing

N/A

Average Amps:

N/A

AWS Code: AWS D1.5 (2002)

N/A

Average Volts:

N/A

Applicable Sec: AWS 5.13

N/A

Travel Speed:

N/A

Heat Input:

N/A

Preheat:

N/A

Summary of Items Observed:

This Quality Assurance Inspector reviewed the radiographic film for this PQR today. The film and weld appeared to be in compliance with the standard code and specification.

Summary of Conversations:

No conversations held concerning the PQR today.

Observed welding,testing or results:

is in general conformance with the contract requirements.

is not in conformance with the contract requirements.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Berger,Bruce

Quality Assurance Inspector

WELDING WITNESS REPORT

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Reviewed By: McClary,David

QA Reviewer